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 SECURITY INFORMATION
 CENTRAL INTELLIGENCE AGENCY

REPORT NO. [REDACTED]

INFORMATION REPORT

CD NO.

COUNTRY USSR(Ukrainian SSR)

DATE DISTR. 21 February 1952

SUBJECT Zaporozhstal Rolling Mill at Zaporozhe

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1. There are two rolling mills in the metallurgical plant in Zaporozhe ($35^{\circ}11' E / 47^{\circ}49' N$), Ukrainian SSR.
2. The approximately 500 meters long hot rolling mill started operation in the Spring of 1947 and the cold rolling mill (about 400 meters long) in October 1947. For details see Annex.
3. It was learned from fellow PWs that a new profile mill was to be installed near the blast furnace department. No details were available on the production of the rolling mill.

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Comment:

This report is important as it is the first to give detailed information on the two rolling mills of the metallurgical plant in Zaporozhe. Although apparently credible the information requires confirmation.

Two photographs of the interior of the hot rolling mill are forwarded in Annexes No 2 and 3. The photograph in Annex No. 2 was published on 2 October 1947 by the Soviet newspaper Trud and the photograph showing the mill train for steel sheets (Annex No. 3) was published by the Moscow News on 11 January 1949.

3 Annexes: 1. Zaporozhstal Rolling Mill in Zaporozhe.
 2. View of the Sheet Rolling Mill.
 3. Sheet Rolling Mill.

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Annex

Legend of Annex 1:

- 1 Hot rolling mill
 - a Eight gas-fueled pre-heating furnaces
 - b Files
 - c Rolls with measuring clock for the first process
 - d Large shears
 - e Three annealing furnaces, another under construction
 - f Two or three sets with three rolls each
 - g Six sets each with three rolls
 - h Shears to cut length (according to Soviet statements, this mill train is of American origin)
 - i Annex with workshops for repairs and turning of rolls, building destroyed and without roof
 - k Scale
 - l Two shears to cut rectangular sheets
 - m Sheets packed, tied with iron wire, numbered and prepared for shipment from another workshop
 - n Workshop with acid baths, equipped with a rotary machine transporting the sheets to three different acid baths. Packing and shipping station.
 - o Section under construction, according to Soviet statements intended to be repair shops
 - p Underground conveyor belt for sheets from the hot rolling mill to the cold rolling mill

- 2 Cold rolling mill
 - a Caustic baths
 - b Shears to cut rectangular sheets
 - c Four shears, automatic, to cut lengths of 1½ to 3 meters
 - d File

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Annex

Legend to Annex 1 cont'd:

- e Three rolls for 3-mm sheets
- f Automatic large shears
- g Roll
- h Shear
- i 20 to 30 electric furnaces, with nine completed in October 1947, the others in June 1948. The sheet-metal is hardened in the furnaces
- k Section under construction, no roof
- l Eight hardening furnaces
- m Three rolls for 1-mm sheets
- n Shears and packing shop.

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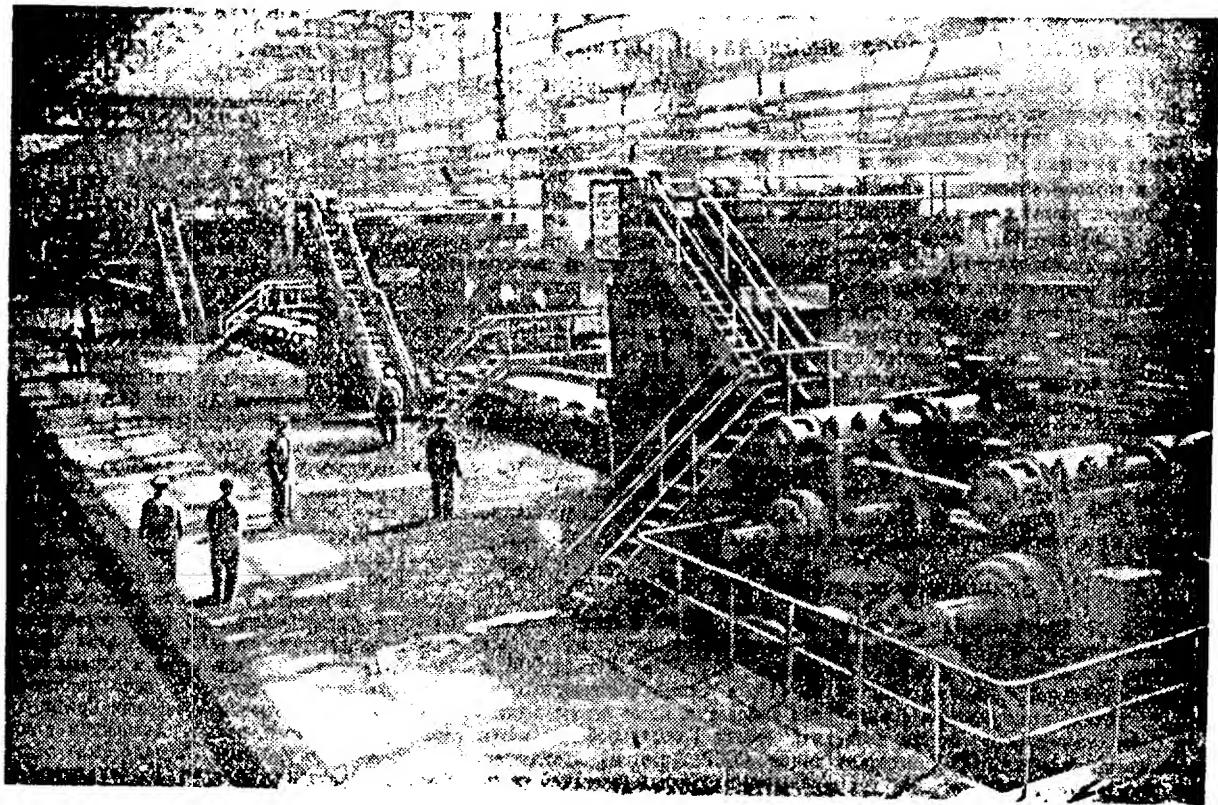
Annex 2

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View of the Sheet Rolling Mill.

Metallurgical Plant in Zaporozhe.



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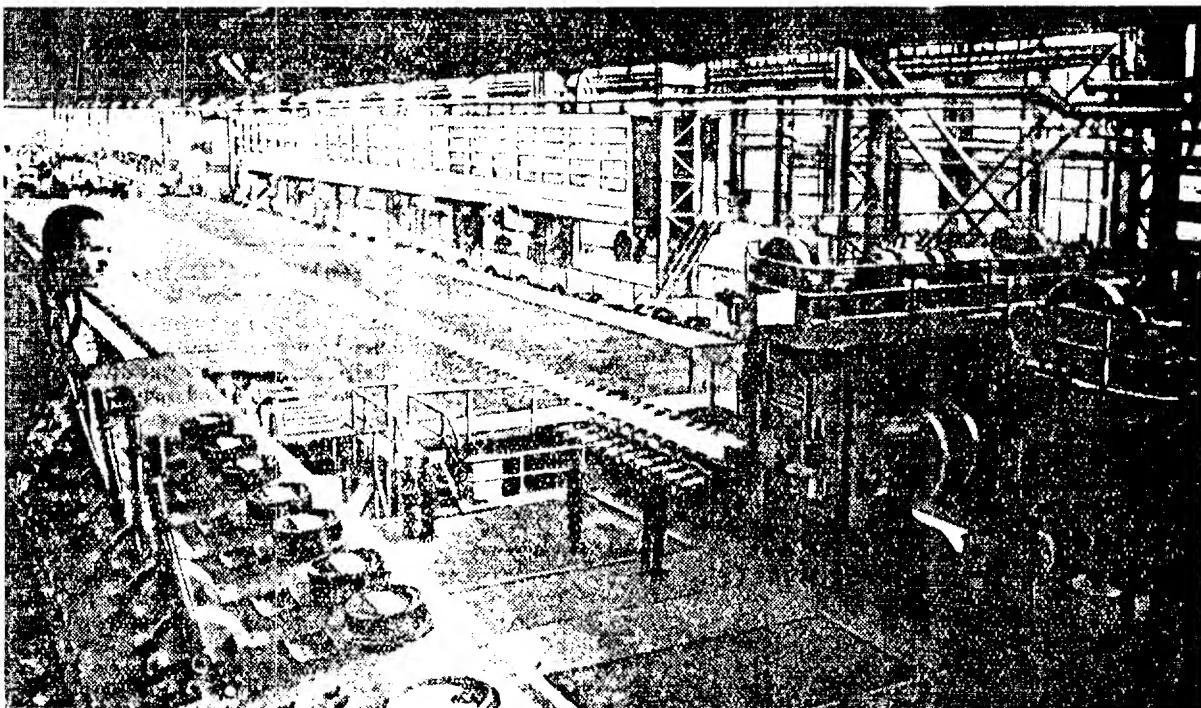
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Annex J

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Sheet Rolling Mill

Metallurgical Plant in Zaporozhe.



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Channel 1

Legend: See report

Zaporozhstal Rolling Mill in Zaporozhe**CONFIDENTIAL CONTROL U. S. OFFICIALS ONLY**